

Basic television colour or mixture colour for D65 CIE data for $Y_W=88,6$	chromaticity		tristimulus values ($Y_d=88,6$ for white D65)			Standard CIELAB data LabC* _{ab} h _{ab} ($L^*_d=88,6$ for white; $L^*_d=18,0$ for black)						Standard YABCh data YABC _{AB} h _{AB} ($Y_d=88,6$ for white; $Y_d=2,5$ for black)				
	x_d	y_d	X_d	Y_d	Z_d	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$		Y_d	A_d	B_d	$C_{AB,d}$	$h_{AB,d}$
three additive mixture colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966-2-1																
C _d cyan (cyan blue)	0,224	0,328	47,67	69,76	94,78	86,88	-46,18	-13,57	48,13	196	69,76	-19,60	-6,91	20,78	199	
M _d magenta (magenta red)	0,320	0,154	52,52	25,23	85,93	57,30	94,34	-58,43	110,97	328	25,23	30,02	-21,47	36,91	324	
Y _d yellow	0,419	0,505	68,21	82,20	12,27	92,66	-20,72	90,74	93,08	102	82,20	-10,43	28,37	30,23	110	
three additive basic colours: television colours according to ITU-R BT.709.3 and sRGB display according to IEC 61966-2-1																
R _d Red (orange red)	0,640	0,330	36,53	18,83	1,71	50,49	76,91	64,54	100,40	40	18,83	19,59	6,90	20,77	19	
G _d Green (leaf green)	0,300	0,600	31,68	63,36	10,56	83,63	-82,78	79,89	115,04	136	63,36	-30,03	21,46	36,91	144	
B _d Blue (violet blue)	0,150	0,060	15,99	6,39	84,22	30,39	76,06	-103,59	128,52	306	6,39	10,42	-28,37	30,23	290	
achromatic colours and equations: or $X_0 = X_d / 0,9505$; $Y_0 = Y_d$; $Z_0 = Z_d / 1,0890$; $A_0 = X_0 - Y_0$; $B_0 = 0,4 [Y_0 - Z_0]$; $C_{AB,0} = [A_0^2 + B_0^2]^{1/2}$; $h_{AB,0} = \text{atan}[B_0 / A_0]$ $a_0 = x_{w0}/y_{w0}$; $b_0 = -0,4[z_{w0}/y_{w0}]$; $a_d = x_d/y_d$; $b_d = -0,4[z_d/y_d]$; $A_d = [a_d - a_0]Y_d$; $B_d = [b_d - b_0]Y_d$; compare CIE 230:2019																
W0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90	100,00	0,00	0,00	0,00	0	100,00	0,00	0,00	0,00	0	0
W1 (white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48	95,40	0,00	0,00	0,00	0	88,60	0,00	0,00	0,00	0	0
N1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72	18,00	0,00	0,00	0,00	0	2,50	0,00	0,00	0,00	0	0
N0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0	0

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	x_d	y_d	X_d	Y_d	Z_d	L^*_d	a^*_d	b^*_d	$C^*_{ab,d}$	$h_{ab,d}$		Y_d	A_d	B_d	$C_{AB,d}$	$h_{AB,d}$
three additive mixture colours: television colours according to ITU-R BT.2020-2 and Wide Colour Gamut WCG display																
C _d cyan (cyan blue)	0,146	0,344	65,32	96,48	80,35	-102,04	-18,55	103,71	190	65,32	-36,10	-9,31	37,28	194		
M _d magenta (magenta red)	0,368	0,147	71,39	28,52	94,00	64,66	125,35	-58,76	138,44	334	28,52	46,58	-23,11	52,00	333	
Y _d yellow	0,446	0,537	69,24	83,34	2,48	93,16	-20,63	131,47	133,08	98	83,34	-10,49	32,42	34,08	107	
three additive basic colours: television colours according to ITU-R BT.2020-2 and Wide Colour Gamut WCG display																
R _d Red (orange red)	0,708	0,292	56,43	23,27	0,00	55,35	112,67	95,43	147,66	40	23,27	36,09	9,31	37,27	14	
G _d Green (leaf green)	0,170	0,797	12,81	60,07	2,48	81,87	-165,51	112,00	199,84	145	60,07	-46,59	23,11	52,00	153	
B _d Blue (violet blue)	0,131	0,046	14,96	5,25	94,00	27,44	82,70	-115,52	142,07	305	5,25	10,48	-32,42	34,07	287	
achromatic colours and equations: or $X_0 = X_d / 0,9505$; $Y_0 = Y_d$; $Z_0 = Z_d / 1,0890$; $A_0 = X_0 - Y_0$; $B_0 = 0,4 [Y_0 - Z_0]$; $C_{AB,0} = [A_0^2 + B_0^2]^{1/2}$; $h_{AB,0} = \text{atan}[B_0 / A_0]$ $a_0 = x_{w0}/y_{w0}$; $b_0 = -0,4[z_{w0}/y_{w0}]$; $a_d = x_d/y_d$; $b_d = -0,4[z_d/y_d]$; $A_d = [a_d - a_0]Y_d$; $B_d = [b_d - b_0]Y_d$; compare CIE 230:2019																
W0 (white monitor, 100%)	0,312	0,329	95,05	100,00	108,90	100,00	0,00	0,00	0,00	0	100,00	0,00	0,00	0,00	0	0
W1 (white monitor, 88,6%)	0,312	0,329	84,21	88,60	96,48	95,40	0,00	0,00	0,00	0	88,60	0,00	0,00	0,00	0	0
N1 (black monitor, 2,5%)	0,312	0,329	2,37	2,50	2,72	18,00	0,00	0,00	0,00	0	2,50	0,00	0,00	0,00	0	0
N0 (black monitor, 0,00%)	0,312	0,329	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0	0